

# Dennard

## **Type 508**



OPERATION MANUAL

CE

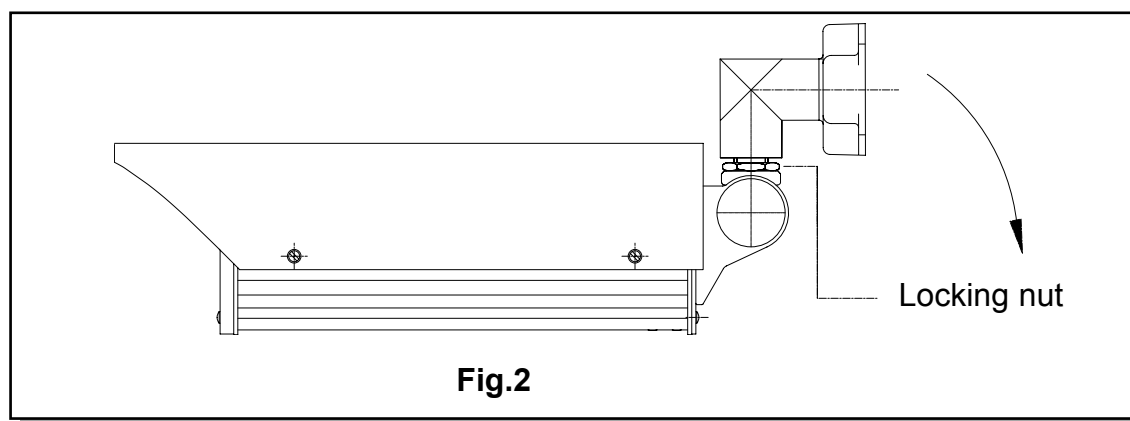
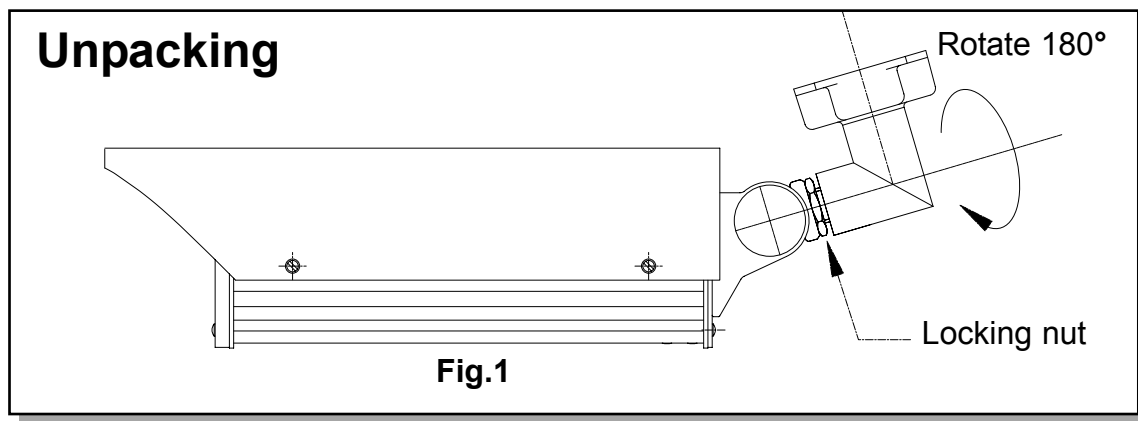
**ISSUE 1**

**Dennard support line +44(0)1252 614884**

## Introduction

*Congratulations on choosing a Dennard Series 508 Camera Housing. This operation manual provides information on the mounting variations, and access to the Series 508 Camera Housings.*

*This operation manual will provide all the necessary information to install the Series 508 Camera Housing.*



## Method

The type 508 housing comes packed in the orientation shown in **(fig.1)**  
To bring the 508 into operational service follow the following procedure.

1. Using the spanner (supplied) loosen the locking nut.
2. Rotate the extruded bracket arm and cast base through 180°
3. Retighten the locking nut, ensuring the extruded bracket arm is in the desired position. **(fig2)**

The 508 housing is now ready to mount. (Refer to mounting Instructions Section)

## List of contents

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Before installation please remove the components from the packaging and check that all items listed below have been supplied.

- |                                 |   |
|---------------------------------|---|
| <b>A.</b> 1 x Type 508 housing  | <b>G.</b> 1 x Insulating Pad                |
| <b>B.</b> 1 x Type 508 Handbook | <b>H.</b> 1 x Screw Insulator               |
| <b>C.</b> 1 x 3mm A/F Allen Key | <b>I.</b> 1 x 1/4" UNC x 3/8" Hex Hd. screw |
| <b>D.</b> 1 x 4mm A/F Allen Key | <b>J.</b> 1 x M6 Plain Washer               |
| <b>E.</b> 1 x 5mm A/F Allen Key | <b>K.</b> 1 x M20 Cable Gland               |
| <b>F.</b> 1 x Spanner           |   |

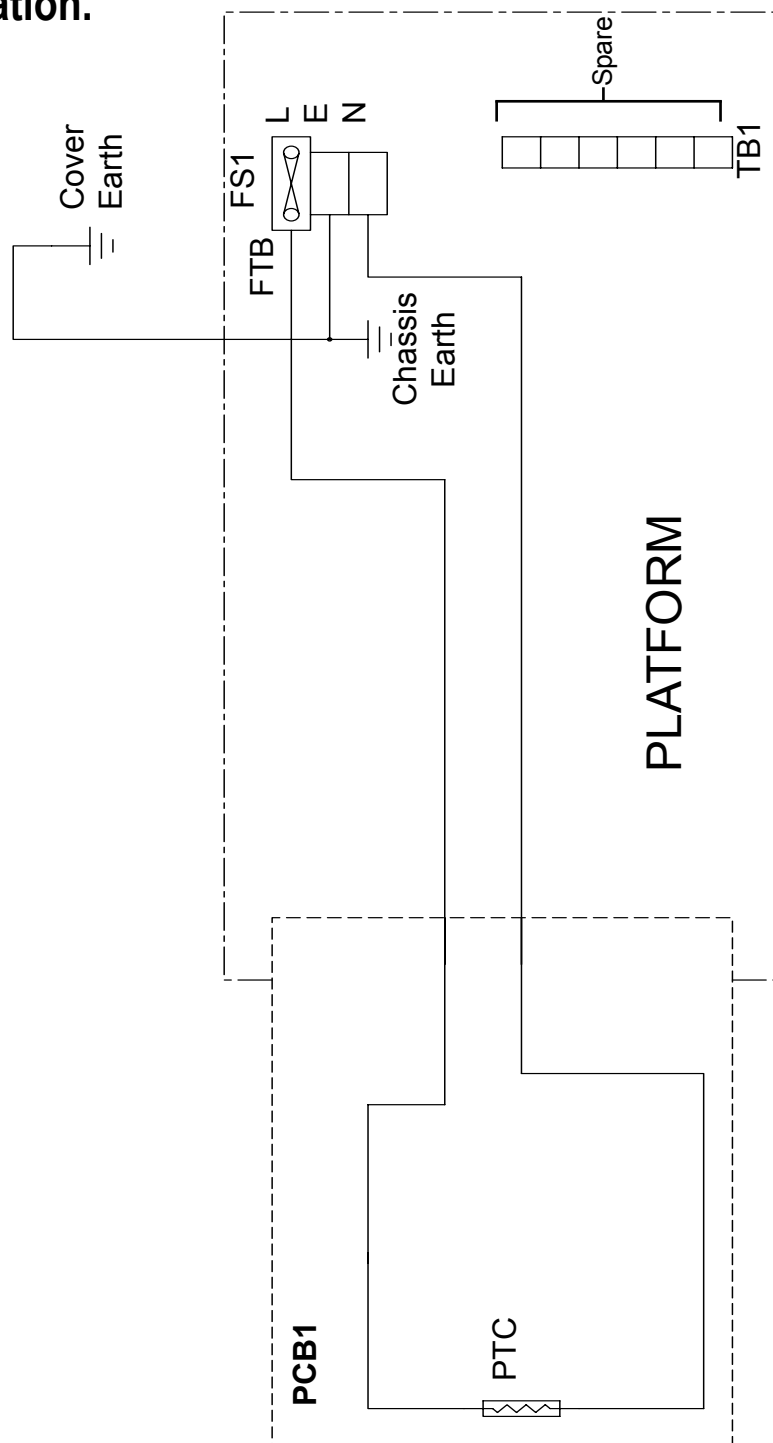
## Component Spares

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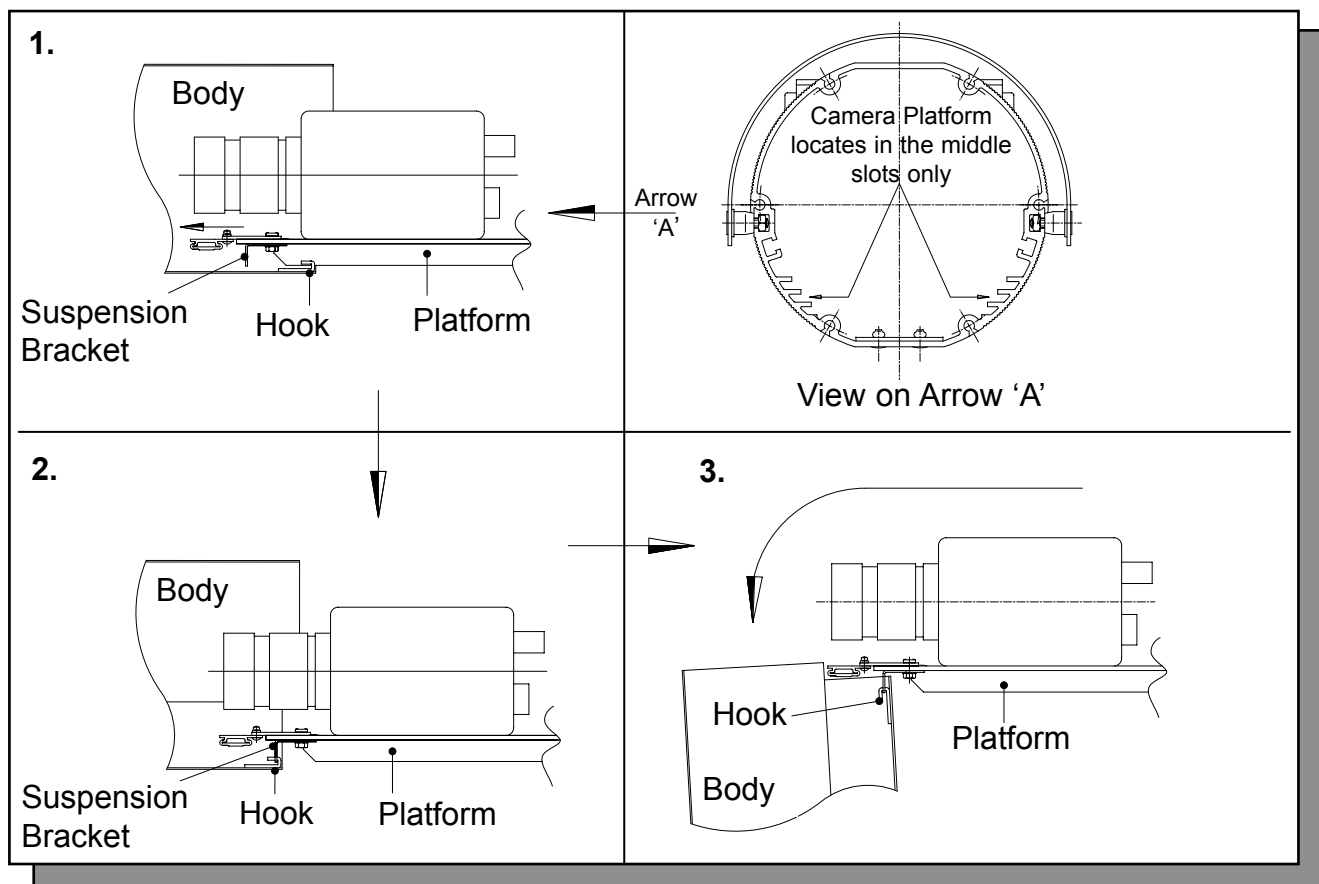
Description	Ref.No.	Quantity
Heater - 240V	C590	1
Heater - 110V	C622	1
Heater - 24V	C623	1
Heater - 12V	C624	1
Thermostat	H12a	1
Window	H146	1
Front Gasket	A84	1
Rear Gasket	A85	1
Fuse 1 Amp	C15	1
Sealing Plug	Z20	3
Cable Gland	H66	1
Gland Nut	H67	1
Gland Washer	H66a	1

## Circuit Diagram

Unit fitted with a 20 x 5mm 1 Amp fuse as standard. It is the customers responsibility to change the fuse to suit their own application.



## Operation



To gain access to the 508 housing the following procedure should be followed.

1. Remove the 6 off M5 x 20 soc. hd. screws from the back plate, using the 4mm A/F long series ball allen key, these screws are held captive for convenience.

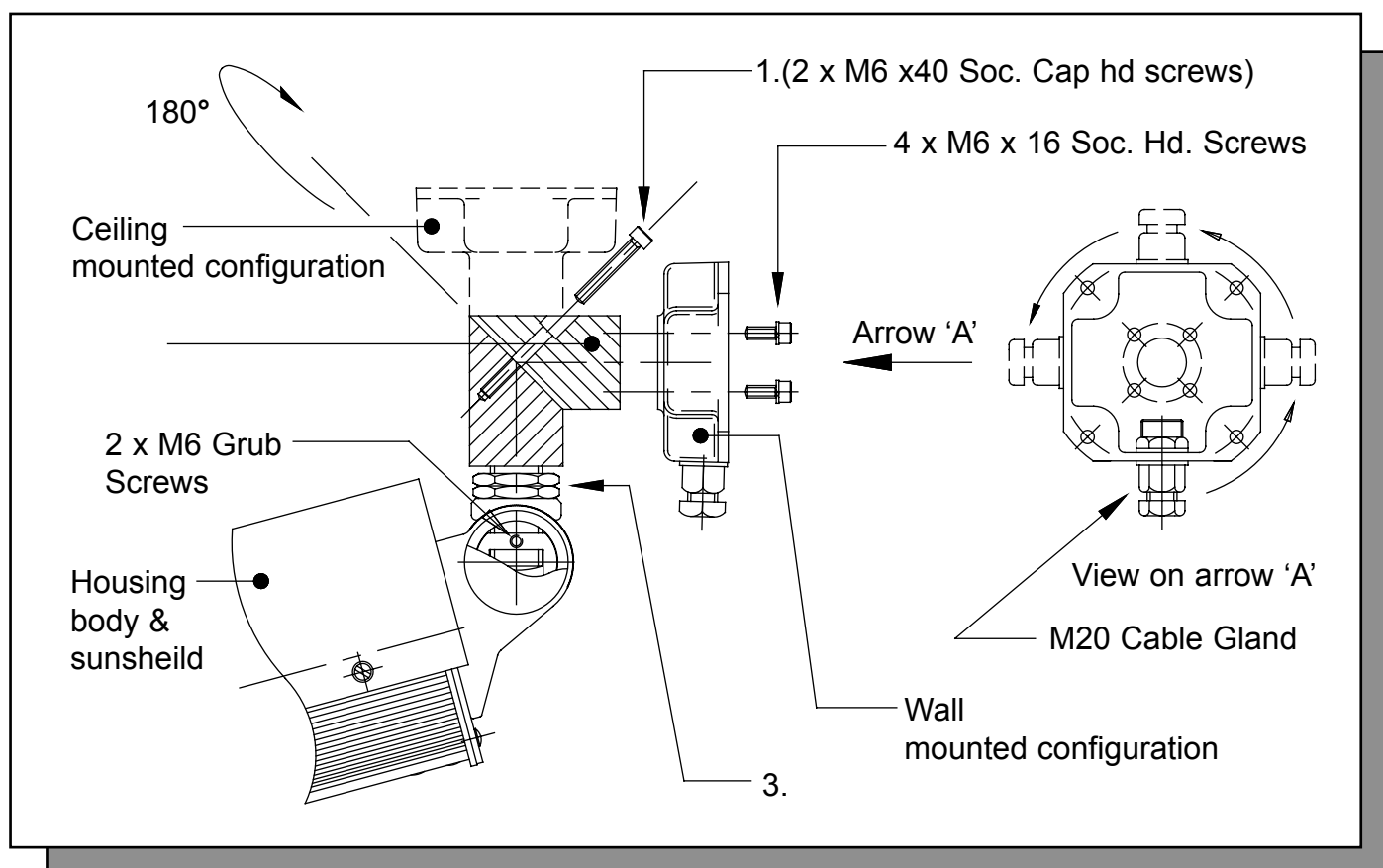
2. Slide the body & sunsheild along the camera platform until it becomes engaged on the hook.

3. Let the body & sunsheild hang from the hook. With the body hanging from the hook any maintenance/ inspection of the camera and wiring can be acheived in situ.

Replacing the body is the reverse procedure.

To remove the Body and sunsheild from the platform completely, unscrew the 2 off M3 nuts from the suspension bracket whilst the body is in the hanging position.

## Mounting Instructions



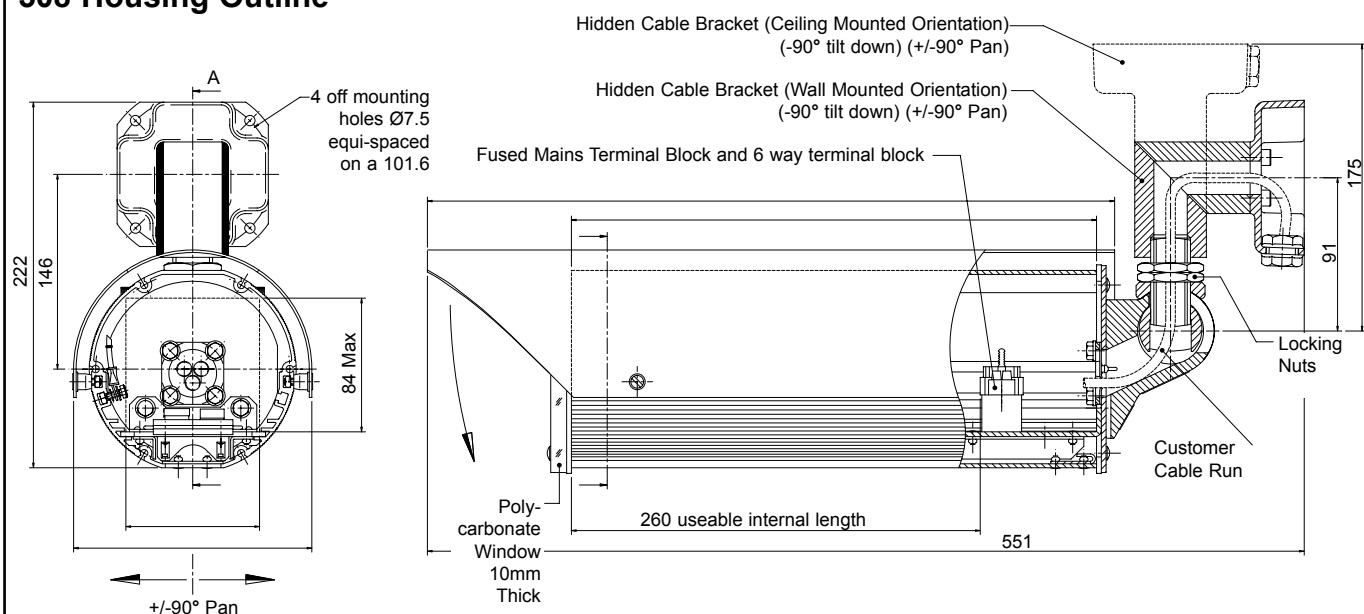
Remove 4 x M6 x 16 Soc. Hd. screws from rear bracket and rotate cast base until desired position of M20 cable gland is achieved. Replace M6 screws and tighten firmly.

to convert the housing from wall mounted to ceiling mounted orientation. Remove 2 off fixings (item1), rotate bracket arm (item2) through 180° and refit item 1. Loosen locking nut (item 3) & position the housing to the desired orientation and re-lock.

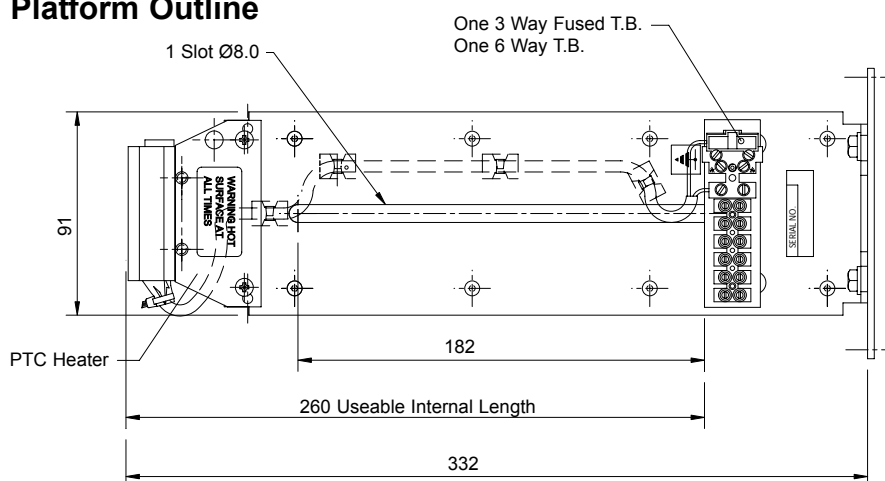
For additional security 2 x M6 grub screws are provided. To gain access to these grub screws, gently prise out the two plastic stop plugs. Then using the 3mm A/F ball allen key (supplied) either one or both of the grub screws can be tightened with the housing. in the desired orientation. To re-orientate the hsg. at any time these grub screws must be loosened first.

## Outline Dimensions

### 508 Housing Outline



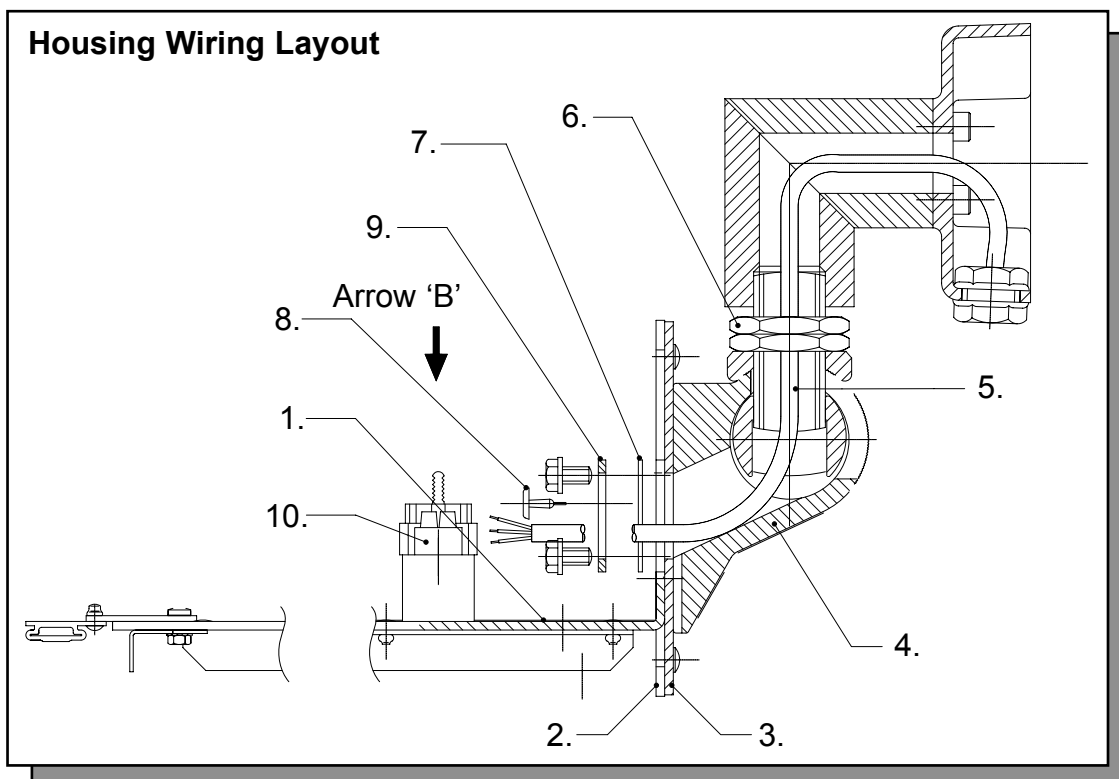
### 508 Camera Platform Outline



## Specifications

Weight	4.0kg
Pan Movement	+/- 90°
Tilt Movement	- 90°
Heater Power	9 Watts
Heater Voltage	240V
	24V
	110V
	12V
Weatherproofing Standard	BS.EN.60529 IP66

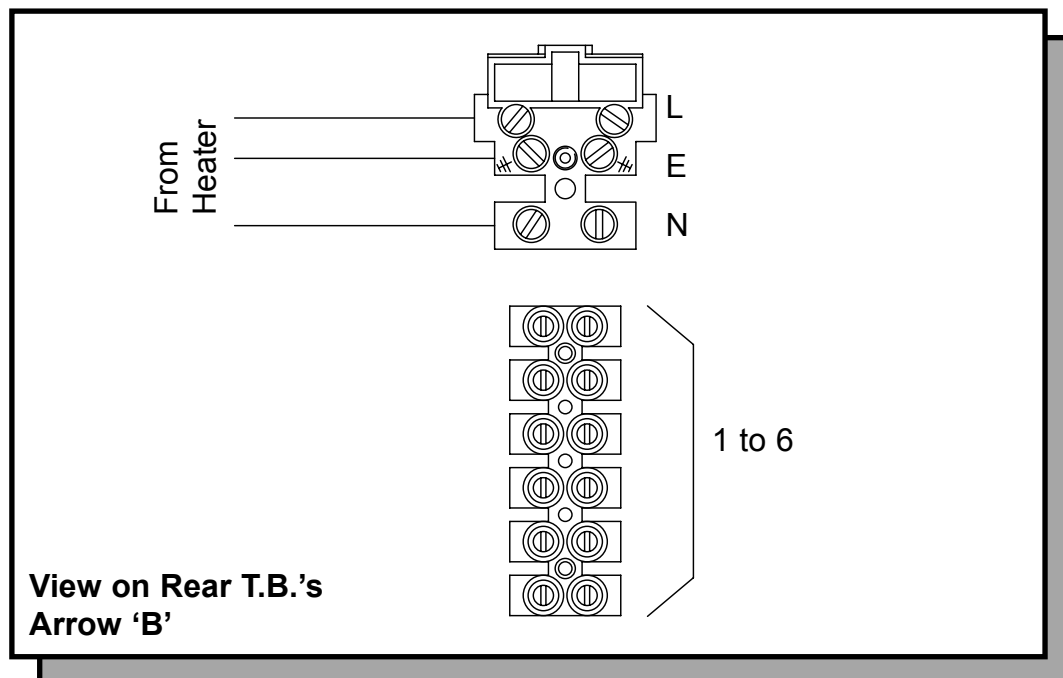
## Customer Electrical Connections



Components	
1.	Platform
2.	Gasket
3.	Housing Back
4.	Plate
5.	423 Bracket
6.	Assembly
7.	Cable Run
8.	Locking Nut
9.	Rubber
10.	Diaphragm



## Customer Electrical Connections



Ref.	Function
L	Line
E	Earth
N	Neutral
1	Spare
2	Spare
3	Spare
4	Spare
5	Spare
6	Spare